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American Energy Corporation  
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If necessary, Ohio EPA may make recommendations to improve the wetland. The applicant is responsible for undertaking any reasonable modifications identified by Ohio EPA.

Within five (5) years after completion of construction of the mitigation wetlands dedicated for the Century Mine project, the applicant shall have developed a minimum of 2.66 acres of jurisdictional Category 2 and/or 3 non forested wetlands.

#### Monitoring Criteria:

The reports shall contain, at a minimum, the following information:

**As-built Drawings:** An 8.5 by 11 inch as-built drawing of the mitigation wetland (first year only).

**Water Chemistry Monitoring:** A grab sample shall be collected in May of each monitoring year in each wetland mitigation area. The samples shall be analyzed for ammonia, nitrates, nitrite, carbon, total sulfates, total iron, total manganese, specific conductivity, pH, turbidity, total suspended solids, heavy metals and biochemical oxygen demand.

**Hydrology Monitoring:** Water level data shall be collected in May and late August of each monitoring year. Ground water levels shall be measured in the absence of inundated conditions.

**Soils Monitoring:** A minimum of one soil probe or test pit per acre of mitigated wetland shall be collected. Describe the soil profile and hydric soil indicators. Indicate the soil map unit name (soil series and phase) and the taxonomic subgroup.

**Vegetation Monitoring:** The location and name of each plant community type within the mitigation area and buffer area shall be marked on a scaled drawing or scaled aerial photograph (base map) and named.

A representative observation point shall be selected in each plant community type in each distinct wetland mitigation area. This shall be a point which best represents the characteristics of the entire plant community. The observation points shall be marked on the base map.

*Send info  
May - 04  
data*